

North Carolina

**RESILIENT
COASTAL
COMMUNITIES
PROGRAM**



NORTH CAROLINA
Environmental Quality

Braxton Davis, Director
NC Div. of Coastal Management
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NC Division of Coastal Management

- **Regulatory Program**
 - 4 District Offices; Local Permitting Officers
- **Policy and Planning**
 - Policy development w/ CRC
 - CAMA Land Use Planning
 - Coastal Resilience Planning
 - Waterfront Access Grants
 - Clean Marina Program
- **Coastal Reserve Program**
 - 10 Coastal Reserves, including NERR
 - Focus on research and education



Coastal Resilience Initiatives

- DCM Coastal Resilience Pilot Project (five communities, 2016-2018)
- DCM Planning & Management Grants \$375k for coastal resilience projects (2016-2019)
- DCM Coastal Community Resiliency Guide (2019)
- Regional Resilience Workshops and Summit (2019)
- N.C. Climate Risk Assessment & Resilience Plan under Executive Order 80: called for creation of a Resilient Communities Program (2020)

North Carolina

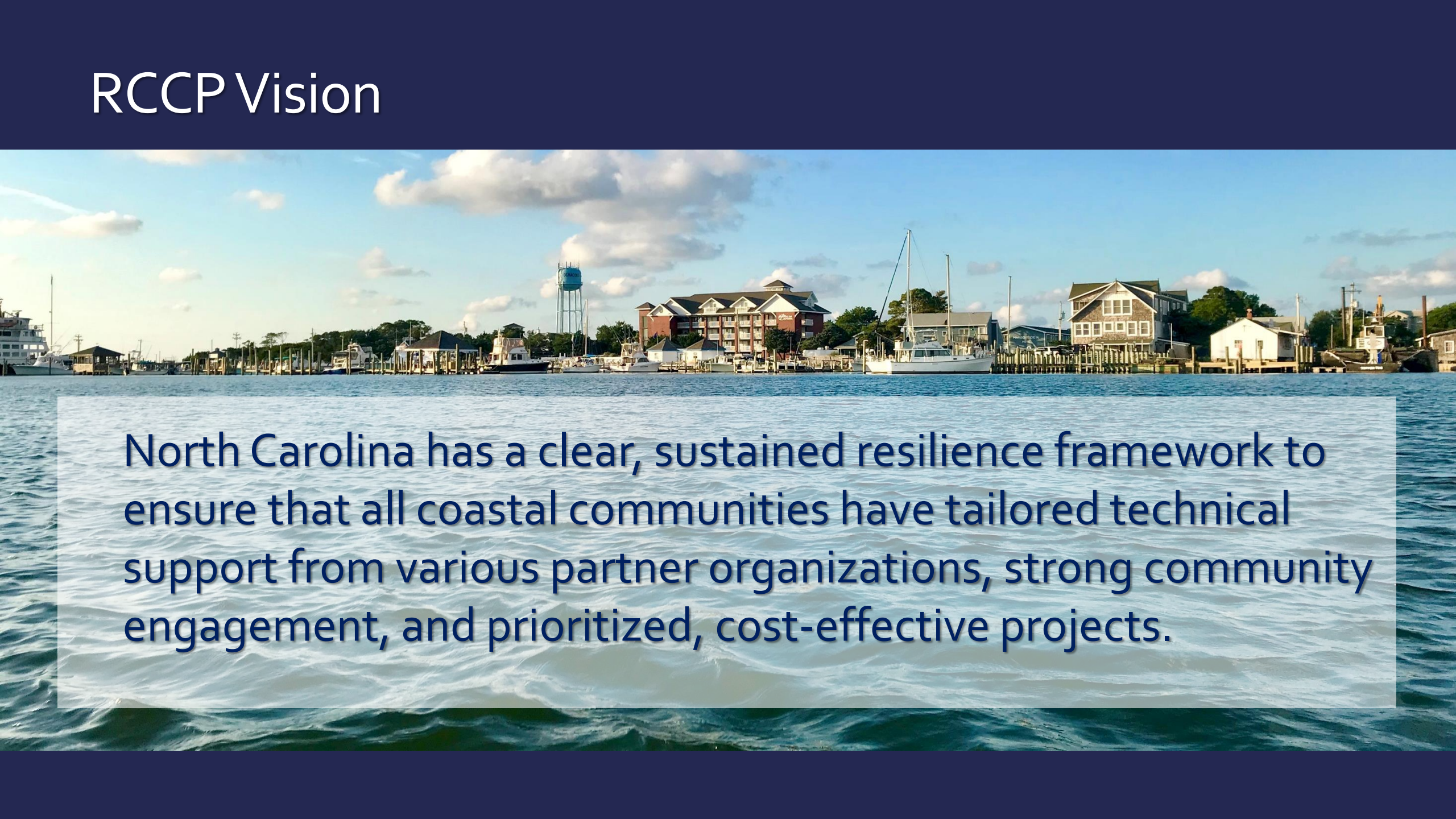
RESILIENT COASTAL COMMUNITIES PROGRAM



NORTH CAROLINA OFFICE OF RECOVERY AND RESILIENCY



RCCP Vision



North Carolina has a clear, sustained resilience framework to ensure that all coastal communities have tailored technical support from various partner organizations, strong community engagement, and prioritized, cost-effective projects.

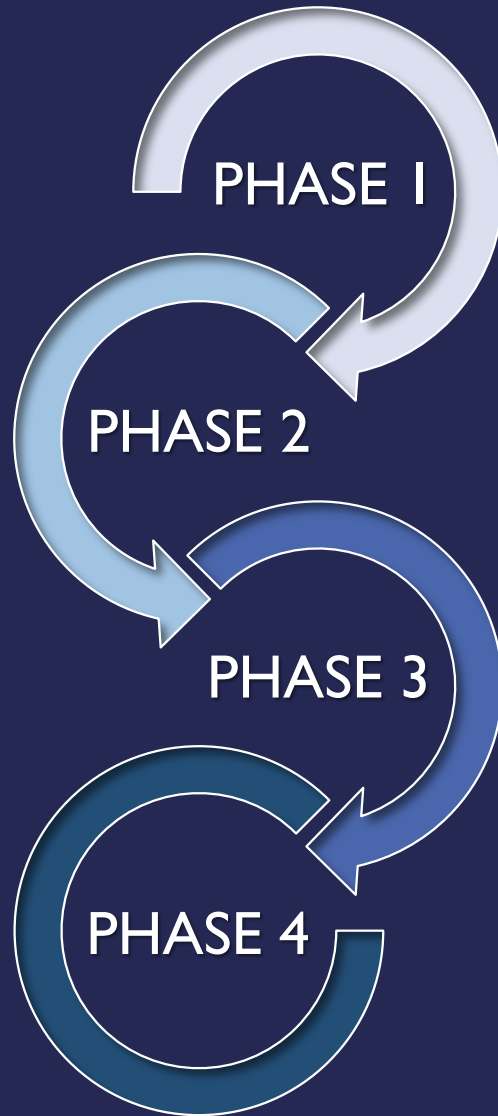
Program Objectives

- Address barriers to coastal resilience at the local level
- Assist communities with risk & vulnerability assessments
- Help communities develop portfolio of well-planned and prioritized projects
- Advance priority projects to “shovel-ready” status
- Link communities to funding streams for project implementation.

Other State Resilience Frameworks

- Massachusetts Municipal Vulnerability Preparedness and “StormSmart Coasts” Programs
- Rhode Island Municipal Resilience Program
- Florida Resilient Coastlines Program
- New Jersey FRAMES
- Colorado Resiliency Playbook

Program Phases



Quantitative & Qualitative
Risk Assessment

Planning, Project Selection,
and Prioritization

Engineering & Design

Implementation

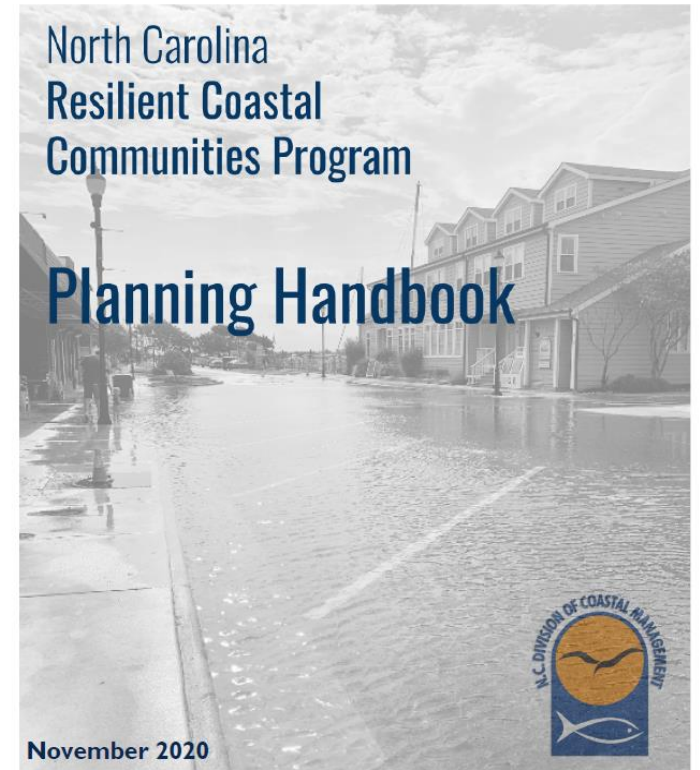
PHASES I & 2

Risk Assessment;
Project Priorities

• Resilience Strategy

- Vision and goals
- Community Action Team report
- Stakeholder Engagement Strategy
- Review of existing efforts
- Opportunities for natural infrastructure projects
- Prioritized project portfolio

Steps and requirements:



PHASES 3 & 4

Engineering,
Design, &
Implementation

No-match grants directly to local governments

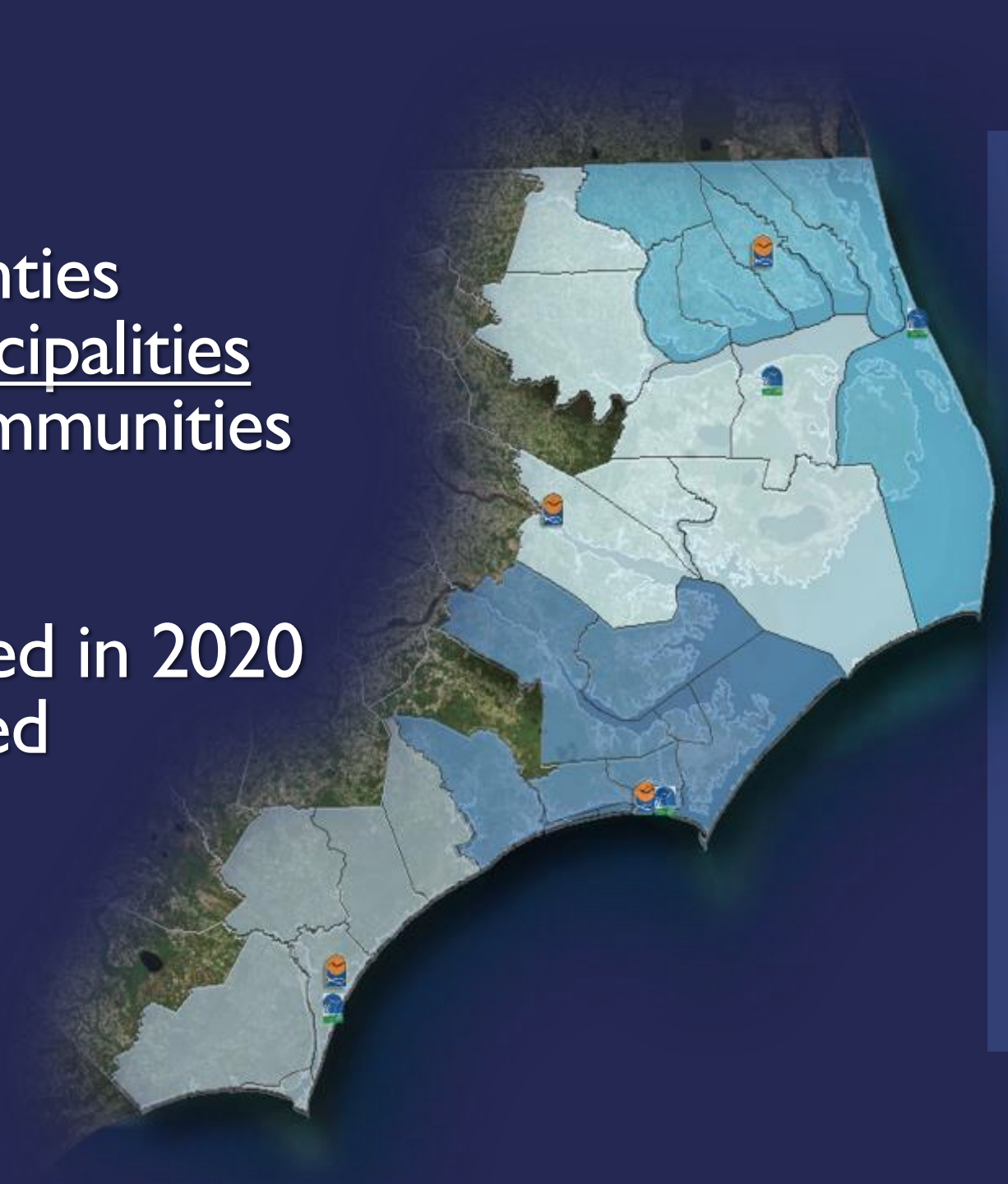
- PHASE 3: Engineering and Design
- PHASE 4: Implementation



Initial
Program
Scope
(Phases 1 & 2)

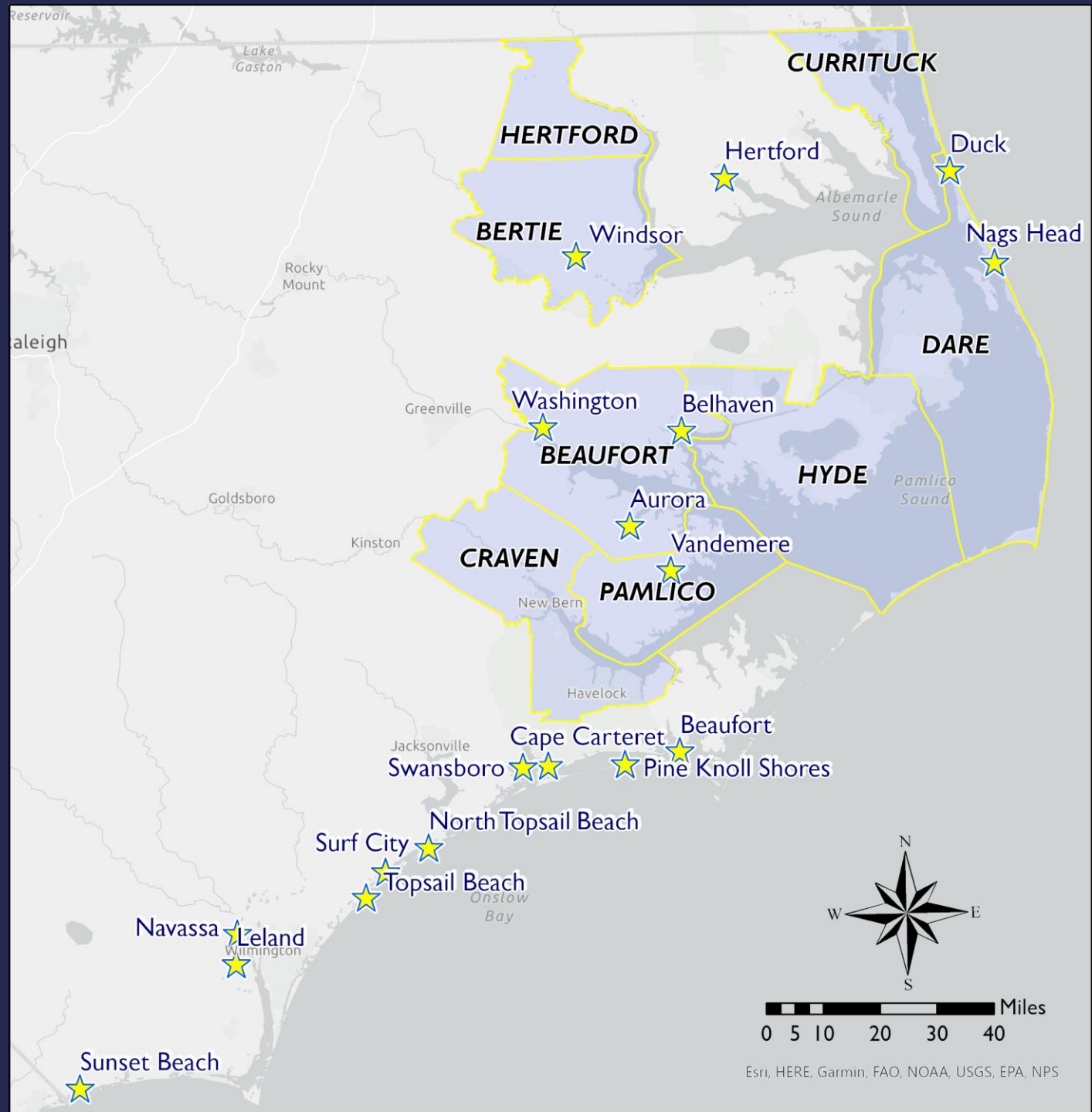
20 Counties
98 Municipalities
118 Communities

32 applied in 2020
26 funded

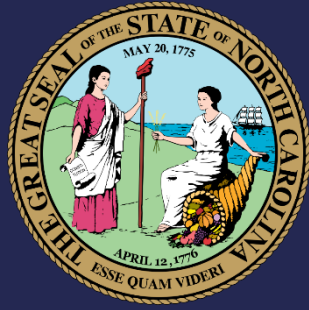


2021 Community Participants (Phases 1 & 2)

- 8 Counties
- 18 Municipalities



Current Program Funding



**\$1,350,000 from S.L. 2019-202
(NC Disaster Recovery Act)**



\$1,060,000 competitive award



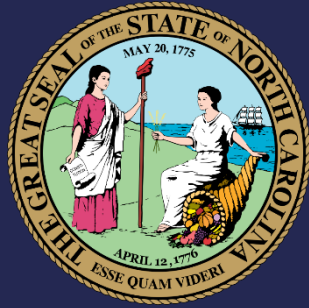
\$500,000 expected in 2021



\$45,000 from NOAA/CZMA

Over \$725K obligated to date.

Anticipated Funding in Years 2-3 (2022-2023)



\$1.2M for project engineering and design

\$850K for project implementation/construction

Only projects ID'd in Phases 1 and 2 eligible for Phases 3-4*

*Some communities can be eligible based on existing plans

Competitive RFP process

80 Municipalities + 12 Counties = 92 communities remaining

Estimated Long-Term Funding Needs

- Phase 1 & 2 Planning and Vulnerability Assessment: \$30k per community = \$2.8 million
- Phase 3 Engineering & Design: \$50k per community = \$4.6 million
- Phase 4 Implementation: ?

Long-Term Program Needs

- **State match to leverage federal funding**
 - e.g., NOAA/National Fish and Wildlife Foundation, disaster recovery funds, other...
 - FEMA and HUD funding administered through NC Office of Recovery and Resiliency
- **Permanent staffing for long-term support of program activities**
 - DCM currently employs 2 Temporary RCCP Staff
 - Managing contracts, participation on local Action Teams, communicating with community leaders and consultants, interacting with partner organizations and agencies, writing grant proposals, technical assistance and outreach, and policy analysis

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